

## SAFETY DATA SHEET (SDS)



**Manufacturer:**  
Epoxy Technology

**Product Name:**  
EPO-TEK® OG116-31 High Tg Epoxy, UV & Heat Cure (3cc Syringe)

**Manufacturer Part Number:**  
OG116-31-3CC

▶ Click here for more details on the EPO-TEK® OG116-31 High Tg Epoxy, UV & Heat Cure (3cc Syringe)



### SAFETY DATA SHEET EPO-TEK OG116-31

#### 1. Identification

##### Product identifier

Product name EPO-TEK OG116-31

Product number OG116-31

##### Recommended use of the chemical and restrictions on use

Application Adhesive.

##### Details of the supplier of the safety data sheet

Supplier Epoxy Technology, Inc.  
14 Fortune Drive  
Billerica, MA 01821  
USA  
(978) 667-3805  
(978) 663-9782  
www.epotek.com

##### Emergency telephone number

Emergency telephone +1 (800) 255-3924, +1 (813) 248-0585

#### 2. Hazard(s) identification

##### Classification of the substance or mixture

Physical hazards Not Classified

Health hazards Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Skin Sens. 1 - H317

Environmental hazards Aquatic Chronic 2 - H411

##### Label elements

##### Pictogram



##### Signal word

Danger

##### Hazard statements

H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H318 Causes serious eye damage.  
H411 Toxic to aquatic life with long lasting effects.

##### Precautionary statements

P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P302+P352 If on skin: Wash with plenty of water.  
P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.  
P362+P364 Take off contaminated clothing and wash it before reuse.  
P501 Dispose of contents/container in accordance with national regulations.

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Revision date: 12/11/2015

Revision: 2

Supersedes date: 11/4/2014

## EPO-TEK OG116-31

**Contains** Epoxy Resin Blend, Reactive Diluent

### Other hazards

Harmful dust may be released during cutting or grinding process.

### 3. Composition/information on ingredients

#### Mixtures

Epoxy Resin Blend	60-100%
CAS number: Proprietary	
<b>Classification</b> Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317 Aquatic Chronic 2 - H411	

Reactive Diluent	5-10%
CAS number: Proprietary	
<b>Classification</b> Acute Tox. 4 - H302 Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Skin Sens. 1 - H317	

Dihydroxy Alcohol	1-5%
CAS number: Proprietary	
<b>Classification</b> Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 STOT SE 3 - H335	

The Full Text for all Hazard Statements are Displayed in Section 16.

### 4. First-aid measures

#### Description of first aid measures

Inhalation	Move affected person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.
Ingestion	Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.
Skin Contact	Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.
Eye contact	Remove affected person from source of contamination. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention.

#### Most important symptoms and effects, both acute and delayed

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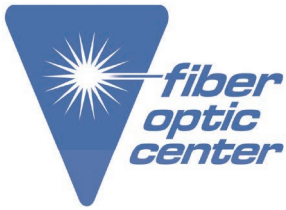
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Inhalation	Gas or vapor in high concentrations may irritate the respiratory system. Inhalation of dust during cutting, grinding or sanding operations involving this product may cause irritation of the respiratory tract.
Ingestion	May cause discomfort if swallowed.
Skin contact	Skin irritation. Allergic rash.
Eye contact	Causes serious eye damage.
<u>Indication of immediate medical attention and special treatment needed</u>	
Notes for the doctor	Treat symptomatically.

### 5. Fire-fighting measures

#### Extinguishing media

Suitable extinguishing media Extinguish with the following media: Dry chemicals. Foam. Carbon dioxide (CO<sub>2</sub>).

#### Special hazards arising from the substance or mixture

Hazardous combustion products Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors.

#### Advice for firefighters

Protective actions during firefighting Avoid breathing fire gases or vapors.

Special protective equipment for firefighters Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

### 6. Accidental release measures

#### Personal precautions, protective equipment and emergency procedures

Personal precautions Wear protective clothing as described in Section 8 of this safety data sheet.

#### Environmental precautions

Environmental precautions Do not discharge into drains or watercourses or onto the ground. Avoid release to the environment.

#### Methods and material for containment and cleaning up

Methods for cleaning up Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water. Avoid the spillage or runoff entering drains, sewers or watercourses.

Reference to other sections For personal protection, see Section 8.

### 7. Handling and storage

#### Precautions for safe handling

Usage precautions Avoid spilling. Avoid contact with skin and eyes. Keep away from heat, sparks and open flame. Do not eat, drink or smoke when using the product. Avoid inhalation of vapors. Provide adequate ventilation.

#### Conditions for safe storage, including any incompatibilities

Storage precautions Store at room temperature. Keep container tightly sealed when not in use.

Storage class Chemical storage.

#### Specific end uses(s)

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**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

### 8. Exposure Controls/personal protection

**Ingredient comments** No exposure limits known for ingredient(s).

#### Exposure controls

##### Protective equipment



**Appropriate engineering controls**

Provide adequate general and local exhaust ventilation.

**Eye/face protection**

Wear tight-fitting, chemical splash goggles or face shield.

**Hand protection**

It is recommended that chemical-resistant, impervious gloves are worn.

**Other skin and body protection**

Wear appropriate clothing to prevent any possibility of skin contact.

**Hygiene measures**

Provide eyewash station. Do not smoke in work area. Wash hands at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

**Respiratory protection**

If ventilation is inadequate, suitable respiratory protection must be worn.

### 9. Physical and Chemical Properties

#### Information on basic physical and chemical properties

**Appearance** Liquid.

**Color** White.

**Odor** Slight.

**Flash point** > 93°C

**Evaporation rate** < BuAc

**Other information** None.

### 10. Stability and reactivity

**Reactivity** The following materials may react with the product: Strong oxidizing agents.

**Stability** Stable at normal ambient temperatures and when used as recommended.

**Possibility of hazardous reactions** Will not polymerize.

**Conditions to avoid** Avoid excessive heat for prolonged periods of time. Avoid heat, flames and other sources of ignition. Avoid contact with strong oxidizing agents.

**Materials to avoid** Strong oxidizing agents.

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## EPO-TEK OG116-31

**Hazardous decomposition products** Fire creates: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

### 11. Toxicological information

#### Information on toxicological effects

**Inhalation** Gas or vapor in high concentrations may irritate the respiratory system. Inhalation of dust during cutting, grinding or sanding operations involving this product may cause irritation of the respiratory tract.

**Ingestion** May cause discomfort if swallowed.

**Skin Contact** May cause sensitisation by skin contact. Irritating to skin.

**Eye contact** Causes serious eye damage.

### 12. Ecological Information

**Ecotoxicity** Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

#### Toxicity

**Toxicity** Very toxic to aquatic organisms.

#### Persistence and degradability

**Persistence and degradability** No data available.

#### Bioaccumulative potential

**Bio-Accumulative Potential** No data available on bioaccumulation.

#### Mobility in soil

**Mobility** Semi-mobile.

#### Other adverse effects

**Other adverse effects** Not known.

### 13. Disposal considerations

#### Waste treatment methods

**Disposal methods** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

### 14. Transport information

#### UN Number

**UN No. (DOT)** 3082

**UN No. (IMDG)** 3082

**UN No. (ICAO)** 3082

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## EPO-TEK OG116-31

### UN proper shipping name

Proper shipping name (DOT) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS Epoxy Resin Blend)

Proper shipping name (IMDG) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS Epoxy Resin Blend)

Proper shipping name (ICAO) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS Epoxy Resin Blend)

### Transport hazard class(es)

DOT hazard class 9

DOT hazard label Class 9

IMDG Class 9

ICAO class/division 9

### Transport labels



### Packing group

DOT pack group III

IMDG packing group III

ICAO packing group III

### Environmental hazards

Environmentally Hazardous Substance



### Special precautions for user

EmS F-A, S-F

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

## 15. Regulatory information

### US Federal Regulations

SARA Section 302 Extremely Hazardous Substances Tier II Threshold Planning Quantities  
None of the ingredients are required to be listed.

CERCLA/Superfund, Hazardous Substances/Reportable Quantities (EPA)  
None of the ingredients are required to be listed.

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**SARA Extremely Hazardous Substances EPCRA Reportable Quantities**  
None of the ingredients are required to be listed.

**SARA 313 Emission Reporting**  
None of the ingredients are required to be listed.

**CAA Accidental Release Prevention**  
None of the ingredients are required to be listed.

**OSHA Highly Hazardous Chemicals**  
None of the ingredients are required to be listed.

### US State Regulations

**California Proposition 65 Carcinogens and Reproductive Toxins**  
None of the ingredients are required to be listed.

**California Air Toxics "Hot Spots" (A-I)**  
None of the ingredients are required to be listed.

**California Air Toxics "Hot Spots" (A-II)**  
None of the ingredients are required to be listed.

**Massachusetts "Right To Know" List**  
None of the ingredients are required to be listed.

**Rhode Island "Right To Know" List**  
The following ingredients are listed:  
Dihydroxy Alcohol

**Minnesota "Right To Know" List**  
None of the ingredients are required to be listed.

**New Jersey "Right To Know" List**  
None of the ingredients are required to be listed.

**Pennsylvania "Right To Know" List**  
The following ingredients are listed:  
Dihydroxy Alcohol

### Inventories

**EU - EINECS/ELINCS**  
Some of the ingredients are listed or exempt.

**Canada - DSL/NDL**  
All the ingredients are listed or exempt.

**US - TSCA**  
All the ingredients are listed or exempt.

**US - TSCA 12(b) Export Notification**  
None of the ingredients are listed.

**Australia - AICS**  
Some of the ingredients are listed or exempt.

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Japan - MITI

Some of the ingredients are listed or exempt.

Korea - KECI

Some of the ingredients are listed or exempt.

China - IECSC

Some of the ingredients are listed or exempt.

Philippines - PICCS

Some of the ingredients are listed or exempt.

### 16. Other information

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Hazard statements in full  
H302 Harmful if swallowed.  
H312 Harmful in contact with skin.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.  
H332 Harmful if inhaled.  
H335 May cause respiratory irritation.  
H411 Toxic to aquatic life with long lasting effects.

Information contained in this publication or as otherwise supplied to Users is believed to be accurate and is given in good faith, but it is for the Users to satisfy themselves of the suitability of the product for their own particular purpose. Epoxy Technology, Inc. gives no warranty as to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded except to the extent that exclusion is prevented by law. Epoxy Technology, Inc. accepts no liability for loss or damage (other than that arising from death or personal injury caused by defective product, if proved), resulting from reliance on this information. Freedom under Patents, Copyright and Designs cannot be assumed.

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